



Preventive Maintenance Checklist AMAX 190/200 Plus Coagulation Analyzer

Performed by: _____
Date: _____

Serial Number: _____
Internal Number: _____

Pre-Inspection

- ☐ Review the instrument's performance with the Lab Tech.
- ☐ Explain the purpose and the steps involved with the P.M.
- ☐ Discuss with the Lab Tech the actions that maybe required of them after the P.M. due to changes caused by the P.M.

Replacement of Parts

- ☐ Clean all surfaces of the instrument and remove all covers.
- ☐ Replace the Coolant. P/N A4969
- ☐ Replace the Coolant Filter. P/N 241071
- ☐ Replace the 4x4 Tygon Tubing. P/N 238800
- ☐ Replace the 1.14 Tygon Tubing. P/N 239001
- ☐ Replace the Dilutor Tubing. P/N Q10062
- ☐ Replace the Waste Pump Tubing. P/N 241051
- ☐ Replace the Syringe O-ring. P/N 350121
- ☐ Replace the Syringe Tip. P/N 350350
- ☐ Replace the Photometer Lamp. P/N 247410x
- ☐ Replace the Mechanical Channel Belts. P/N 120441
- ☐ Replace the Mechanical Channel Cuvette Holding Springs. P/N 359412

Clean and Inspect Operation

- ☐ Remove dust from Fan's and check operation.
- ☐ Remove dust from Power Supplies and PCB's.
- ☐ Check the Cannula.
- ☐ Clean the Incubation Rail and RPB ring.
- ☐ Clean all Mechanical and Optical Wells.
- ☐ Inspect lubrication and tension of rails and belts.
- ☐ Inspect operation and lubrication of the Dilutor.
- ☐ Inspect the Cuvette Transport System.
- ☐ Inspect the Barcode Scanner.
- ☐ Inspect all Peripherals.

Adjustments

- ☐ Check Coolant Tank Temperature.
- ☐ Check Cuvette Uptake Temperature.
- ☐ Check Fresh Water Temperature.
- ☐ Check Incubation Rail Temperature.
- ☐ Check Mechanical 1-4 Temperature.
- ☐ Check Mechanical Rotation Speed.
- ☐ Check Mechanical 1-4 Sensor Voltage.
- ☐ Check Optical 1-4 Temperature.
- ☐ Check RPB Wheel Temperature.
- ☐ Check Photometer Offset and Gain.
- ☐ Check Level Sensor.



- ☐ Check all Teach-in Positions.
- ☐ Perform AMAX Self Test.
- ☐ Perform APAC.
- ☐ Back-Up System Setup and Parameters.
- ☐ Replace and Clean all surfaces
- ☐ Replace Dust Filter. P/N 120396x

Instrument Review

- ☐ Review APAC results.
- ☐ Review P.M. Procedures and Observations with Lab Tech.
- ☐ Complete all Paperwork and leave a copy with Lab Tech.

| Adjustment | Specs | Actual | Indicated |
|---------------------------|--------------|--------|-----------|
| Mechanical Channel 1 | 37.5 +/- .3 | | |
| Mechanical Channel 2 | 37.5 +/- .3 | | |
| Mechanical Channel 3 | 37.5 +/- .3 | | |
| Mechanical Channel 4 | 37.5 +/- .3 | | |
| Optical Channel 1 | 37.5 +/- .3 | | |
| Optical Channel 2 | 37.5 +/- .3 | | |
| Optical Channel 3 | 37.5 +/- .3 | | |
| Optical Channel 4 | 37.5 +/- .3 | | |
| Incubation Rail | 37.5 +/- .3 | | |
| RPB Wheel | 16.5 +/- 1.5 | | |
| Cuvette Uptake | 37.5 +/- .3 | | |
| Fresh Water Tank | 40 +/- .5 | | |
| Reservoir II Tank | 41 +/- .5 | | |
| Mechanical Sensor 1 | 3.8 +/- .1 | | |
| Mechanical Sensor 2 | 3.8 +/- .1 | | |
| Mechanical Sensor 3 | 3.8 +/- .1 | | |
| Mechanical Sensor 4 | 3.8 +/- .1 | | |
| Mechanical Rotation Speed | 80 rpm | | |

ISR Signature

Date

Customer Signature

Date